COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) $\underline{}$ is attached hereto or \underline{X} was filed on September 18, 2000 as Application Serial No. $\underline{09/665,350}$ and was amended on $\underline{}$ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

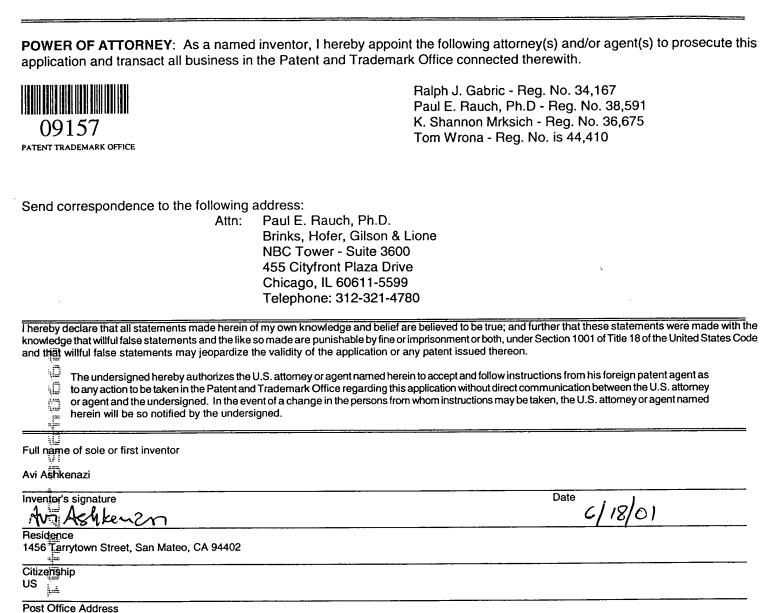
I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Ap	oplication(s):		<u>Priority Claimed</u> <u>Yes</u> <u>No</u>
Number	Country	Day/Month/Year Filed	
		nited States Code, §119(e) of any United States pr	ovisional applications(s) listed below
See Attached A	ppendix A (Listing 62)	U.S. Provisional Patent Applications)	
Application Ser.	No.	Filing Date	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

See Attached Appendix B (Listing 29 PCT International Patent Applications)



1 DNA Way

South San Francisco, CA 94080

\sim \sim \sim \sim	_
Full name of second joint inventor, if any	
David Botstein	6-20-01
Inventor's signature	Date
2539 Somerset Drive, Belmont, CA 94002	
Residence	
US	
Citizenship	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South San Francisco, CA 94060	
Full name of third joint inventor, if any	
Luc Desnoyers	
	Date
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Sate
Residence	
Canada	
Citizenship	 -
Post Office Address	
1 DN Ā -Way	
South San Francisco, CA 94080	
1 PT	
Full name of fourth joint inventor, if any	
Dan <u>L</u> Eaton	
Invertor's signature	Date
75 Knight Drive, San Rafael, CA 94901	
Residence	
US 🚉	
Citizenship	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Court Curt Harlesco, On Stood	
•	

Full name of second joint inventor, if any	
David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	06/18/2001 Date/
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date /
Residence Canada	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of fourth joint inventor, if any Dan L. Eaton	
Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

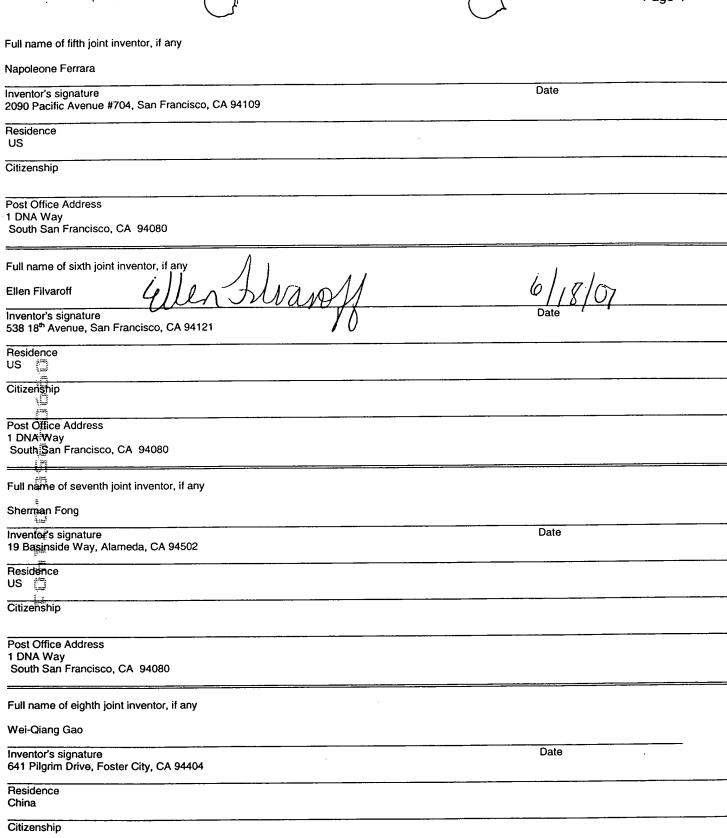




Full name of second joint inventor, if any

David Botstein	
Inventor's signature	Date
2539 Somerset Drive, Belmont, CA 94002	
Residence	
US ·	
Citizenship	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	4
Inventor's signature	Date
2050 Stockton Street, San Francisco, CA 94133	
Residence	
Canada	
Citizenship	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full rigime of fourth joint inventor, if any	
Dan E. Eaton	6/20/01
Inventor's signature	Date
75 Knight Drive, San Rafael, CA 94901	
Residence	
US 🚊	
Citiz ań ship	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fifth joint inventor, if any	
Napoleone Ferrara	6/17/01
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	·
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Shernian Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



Post Office Address 1 DNA Way

South San Francisco, CA 94080

Full name of fifth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	v
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any Sherman Fong	6/18/01
Sherman Fong Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date C/18/0/
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date .
Residence China	
Citizenship	
Post Office Address I DNA Way South San Francisco, CA 94080	

	<i>→</i>
Full name of fifth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 9	Date 94109
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citiz en ship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full dame of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	•
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	6/18/01
Inventor's signature \$41-Pilgrim Drive, Foster City, CA 94404 33-76 South Court Residence China	Palo Alto (A943.6
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

		9
Full name of ninth joint inventor, if any		
Hanspeter Gerber	6-18	-2001
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date	
Residence Switzerland		
Citizenship	-	
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of tenth joint inventor, if any		
Mary E. Gerritsen	4.	·
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date	
Residence Canada		
Citizenship		
Post Office Address 1 DNA-Way South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any		
Audrey Goddard		
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date	
Residence Canada		
Citizenship		
Post [®] Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of twelfth joint inventor, if any		
Paul J. Godowski		
nventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date	
Residence . JS		
Citizenship		
Post Office Address I DNA Way South San Francisco, CA 94080		
•		

		Page 5
Full name of ninth joint inventor, if any	\bigcup	
Hanspeter Gerber		
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date	
Residence Switzerland		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of tenth joint inventor, if any		
Mary E. Gerritsen	Jeine 18	2001
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date	2001
Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any Audray Goddard		
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date	
Residence Canada		· · · · · · · · · · · · · · · · · · ·
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of twelfth joint inventor, if any		
Paul J. Godowski		
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date	
Residence US		
Citizenship		
Post Office Address I DNA Way South San Francisco, CA 94080		

\smile	
Full name of ninth joint inventor, if any	
Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 ÜNA Way South San Francisco, CA 94080	
Full-name of eleventh joint inventor, if any Audrey Goddard	6/28/01
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of ninth joint inventor, if any		
Hanspeter Gerber		
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date	
Residence Switzerland		
Citizenship		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		
Full name of tenth joint inventor, if any		
Mary E. Gerritsen	·	
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date	
Residence Canada		
Citizenship		
Post Office Address		
1 DNA Way South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any		
Audrey Goddard		
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date	
Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of twelfth joint inventor, if any		
Paul J. Godowski D. H. Lush	$G/M/r_{col}$	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date	
Residence US		
Citizenship		
Post Office Address I DNA Way		
South San Francisco, CA 94080		

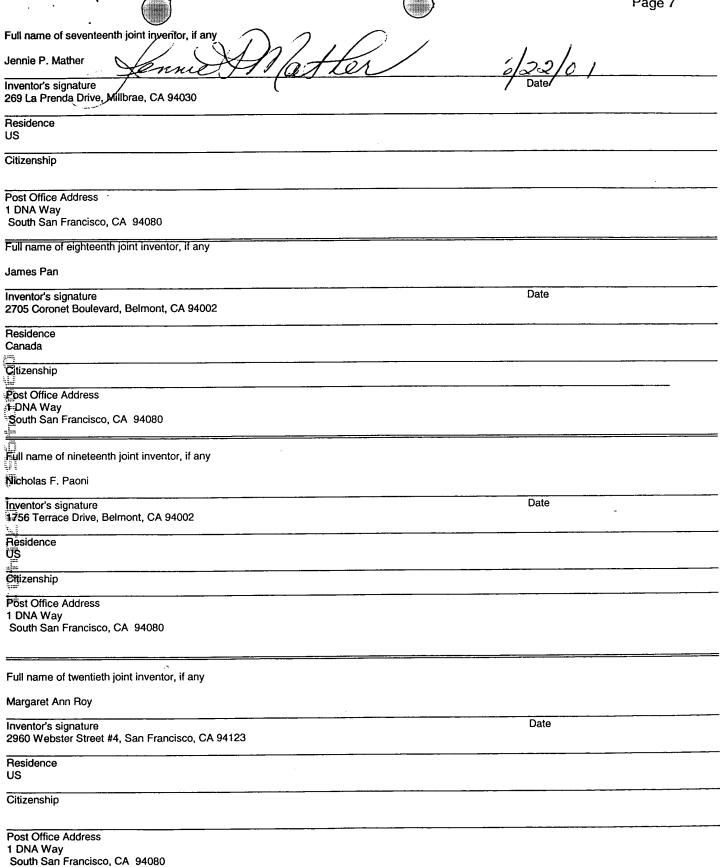
•		
Full name of thirteenth joint inventor, if any		
J. Christopher Grimaldi	1.4	(, 118/2021
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122		Date
Residence US		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of fourteenth joint inventor, if any		
Austin L. Gurney		ę
Inventor's signature 1 Debbie Lane, Belmont, CA 94002		Date
Residence US		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of fifthteenth joint inventor, if any		
Kenneth J. Hillan		
Inventer's signature 64 Seward Street, San Francisco, CA 94114		Date
Residence GB		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of sixteenth joint inventor, if any		
Ivar J. Kljavin		
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549		Date
Residence US		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		

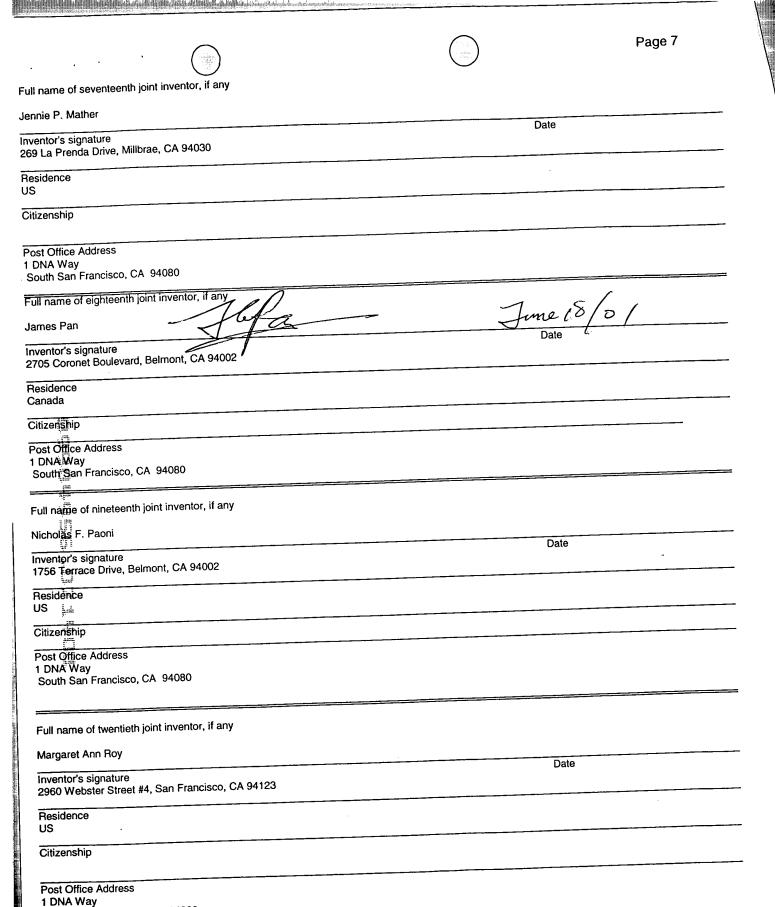
Full name of thirteenth joint inventor, if any	
J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any Austin L. Gurney Inventor's signature 1 Debbie Lane, Belmont, CA 94002	6/19/200).
Residence	
US Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any Kenneth J. Hillan	-
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of thirteenth joint inventor, if any	
J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	· Date
Residence	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any	
Kenneth J. Hillan Kenneth MMA	612×100
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
lvar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence JS	
Citizenship	
Post Offic Address I DNA Way South San Francisco, CA 94080	

J. Christopher Grimaldi Inventor's signature Date 1434 36th Avenue, San Francisco, CA 94122 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gurney Inventor's signature Date 1 Debbie Lane, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifthteenth joint inventor, if any Kenneth J. Hillan Inventor's signature Date 64 Seward Street, San Francisco, CA 94114 Residence GB Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin Inventor's signature 3673 Crescent Drive, Lafavette, CA 94549 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of thirteenth joint inventor, if any





South San Francisco, CA 94080

Full name of seventeenth joint inventor, if any	
Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date ·
Residence Canada	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any Nicholas F. Paoni Tuhilis 4. Jann	7/s/ci
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date -
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	·
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of seventeenth joint inventor, if any

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date
Residence Canada	
Citizenship	
Post Office Address I DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any Nicholas F. Paoni	
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date
Residence ⊎S	
€itizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	6/18/2001
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-first joint inventor, if any	2 2 .
Timothy A. Stewart	6 18 01
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US #=	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Turnas Daniel Turnas	6-21-201
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Înventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-first joint inventor, if any Timothy A. Stewart Date Inventor's signature 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Inventor's signature Date 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address
1 DNA Way South San Francisco, CA 94080 Full rame of twenty-third joint inventor, if any P. Mickey Williams Inventor's signature 509 Atto Avenue, Half Moon Bay, CA 94019 Residence US Citizariship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fourth joint inventor, if any Date Inventor's signature William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

Page 8 Full name of twenty-first joint inventor, if any Timothy A. Stewart Date Inventor's signature 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Date Inventor's signature 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address
1 DNA Way South San Francisco, CA 94080 Full name of twenty-third joint inventor, if any P. Mickey Williams Date Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full/name of twenty-fourth joint inventor, if any Inventor's signature William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010

Citizenship US Post Office Address

1 DNA Way

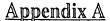
South San Francisco, CA 94080



Appendix A

I hereby claim benefit under Title 35, United States Code, §119(e) of any United States Provisional applications listed below:

Provisional Application Serial Number	Filing Date
60/059,115	September 17, 1997
60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
60/059,113	September 17, 1997
60/059,121	September 17, 1997
60/059,119	September 17, 1997
60/059,263	September 18, 1997
60/059,266	September 18, 1997
60/062,125	October 15, 1997
60/062,287	October 17, 1997
60/062,285	October 17, 1997
60/063,486	October 21, 1997
60/062,816	October 24, 1997
60/062,814	October 24, 1997
60/063,127	October 24, 1997
60/063,120	October 24, 1997
60/063,121	October 24, 1997
60/063,045	October 24, 1997
60/062 129	October 24, 1997



Appendix A

I hereby claim benefit under Title 35, United States Code, §119(e) of any United States Provisional applications listed below:

60/063,541	October 28, 1997
60/063,550	October 28, 1997
60/063,542	October 28, 1997
60/063,544	October 28, 1997
60/063,564	October 28, 1997
60/063,734	October 29, 1997
60/063,738	October 29, 1997
60/063,704	October 29, 1997
60/063,435	October 29, 1997
60/064,215	October 29, 1997
60/063,735	October 29, 1997
60/063,732	October 29, 1997
60/064,103	October 31, 1997
60/063,870	October 31, 1997
60/064,248	November 3, 1997
60/064,809	November 7, 1997
60/065,846	November 11, 1997
60/065,186	November 12, 1997
60/065,846	November 17, 1997
60/065,693	November 18, 1997
60/066,120	November 21, 1997
60/066,364	November 21, 1997
60/066,772	November 24, 1997
60/066,466	November 24, 1997

Appendix A

I hereby claim benefit under Title 35, United States Code, §119(e) of any United States Provisional applications listed below:

60/066,770	November 24, 1997
60/066,511	November 24, 1997
60/066,453	November 24, 1997
60/066,840	November 25, 1997
60/069,425	December 12, 1997
60/088,026	June 4, 1998
60/099,803	September 10, 1998
60/100,262	September 14, 1998
60/100,858	September 17, 1998
60/104,080	October 13, 1998
60/109,304	November 20, 1998
60/113,296	December 22, 1998
60/143,048	July 7, 1999
60/145,698	July 26, 1999
60/146,222	July 28, 1999







$\underline{Appendix\ B}$

I hereby claim benefit under Title 35, United States Code, §120 of any United States and PCT International applications listed below:

PCT/US Serial Number	<u>Filed</u>	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
PCT/US98/19177	September 14, 1998	Abandoned
PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
PCT/US99/20594	September 8, 1999	Pending
PCT/US99/20944	September 13, 1999	Pending
PCT/US99/21090	September 15, 1999	Pending
PCT/US99/21547	September 15, 1999	Pending
PCT/US99/23089	October 5, 1999	Pending
PCT/US99/28214	November 29, 1999	Pending
PCT/US99/28313	November 30, 1999	Pending
PCT/US99/28301	December 1, 1999	Abandoned
PCT/US99/28564	December 2, 1999	Pending
PCT/US99/28565	December 2, 1999	Pending
PCT/US99/30095	December 16, 1999	Pending
PCT/US99/30999	December 20, 1999	Pending
PCT/US99/30911	December 20, 1999	Pending
PCT/US00/00219	January 5, 2000	Pending
PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
PCT/US00/05004	February 24, 2000	Pending
PCT/US00/05841	March 2, 2000	Pending
PCT/US00/07377	March 20, 2000	Pending
PCT/US00/08439	March 30, 2000	Pending
		– "

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) _ is attached hereto or \underline{X} was filed on September 18, 2000 as Application Serial No. $\underline{09/665,350}$ and was amended on _ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Prior Foreign Application(s):

Priority Claimed

Yes No

Number

Country

Day/Month/Year Filed

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See Attached Appendix A (Listing 62 U.S. Provisional Patent Applications)

Application Ser. No.

Filing Date

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PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence to the following address:

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of sole or first inventor

Avi Ashkenazi

Inventor's signature

Date

Date

Plesidence

1456 Farrytown Street, San Mateo, CA 94402

Citizenship

Post Office Address 1 DNA Way South San Francisco, CA 94080



10

Full name of second joint inventor, if any

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan L. Eaton Inventor's signature	
75 Knight Drive, San Rafael, CA 94901	Date
Residence US	
Citiz@riship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of ninth joint inventor, if any

Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	81
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any Audrey Goddard	
Inventor's signature 110 congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizehship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence . US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of thirteenth joint inventor, if any

J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	•
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any	
Kengeth J. Hillan	
Inventor's signature 64 Saward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



Full name of seventeenth joint inventor, if any

	_	 	

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date **
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any Nicholas F. Paoni	
Inventor's signature 1756 Lerrace Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-first joint inventor, if any Timothy A. Stewart Inventor's signature Date 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Inventor's signature Date 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-third joint inventor, if any P. Mickey Williams Inventor's signature Date 509 Alto Avenue, Half Moon Bay, CA 94019 Residence US 🚐 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fourth joint inventor, if any Inventor's signature Date William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080





COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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Page	2
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PATENT TRADEMARK OFFICE

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Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of sole or first inventor

Avi Ashkenazi

Inventor's signature

Date

Residence

1456 Tarrytown Street, San Mateo, CA 94402

Citizenship US

Post Office Address 1 DNA Way

South San Francisco, CA 94080

$() \cup$	$() \bigcirc$	Page 3
Full name of second joint inventor, if any		
David Botstein		
Inventor's signature	Date	
2539 Somerset Drive, Belmont, CA 94002	Date	
Residence		
US		
Citizenship	·	
Post Office Address		
1 DNA Way South San Francisco, CA 94080		
======================================		
Full name of third joint inventor, if any		
Luc Desnoyers		
Inventor's signature	Date	
2050 Stockton Street, San Francisco, CA 94133	5410	
Residence		
Canada.		
Citizenship		
Post Office Address		
1 DNA∰Vay South¦Şan Francisco, CA 94080		
South Sait Flancisco, CA 94080		
Till come of fourth in its in the control of the co		
Full name of fourth joint inventor, if any		
Dan L≞ Eaton		
nventor's signature		
75 Knight Drive, San Rafael, CA 94901	Date	
Pooldman		

US

Citizenship

Post Office Address 1 DNA Way South San Francisco, CA 94080





Full name of ninth joint inventor, if any

, , , , , , , , , , , , , , , , , , , ,	
Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Audrey Goddard	
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizenship	
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Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of thirteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gurney Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifthteenth joint inventor, if any Kenneth J. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB 📮 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080





Full name of seventeenth joint inventor, if any

Post Office Address 1 DNA Way South San Francisco, CA 94080

ennie P. Mather	
nventor's signature 169 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Ditizenship	
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James Pan	
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Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	



Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any P. Mickey Williams	
Investor's signature	
509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address I DNA Way South San Francisco, CA 94080	





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Send	corres	pondence	to	the	fol	lowing	add	ress:
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Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of fifth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of ninth joint inventor, if any	
Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	* *
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Audrey Goddard	
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence . US	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	

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Full name of thirteenth joint inventor, if any

Full name of seventeenth joint inventor, if any Jennie P. Mather Inventor's signature Date 269 La Prenda Drive, Millbrae, CA 94030 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Inventor's signature Date 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor, if any Nicholas F. Paoni Inventor's signature Date 1756 Ferrace Drive, Belmont, CA 94002 Residence US 📥 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Inventor's signature Date 2960 Webster Street #4, San Francisco, CA 94123 Residence Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080





Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	<u> </u>
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Alfo Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
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Full name of second joint inventor, if any

David Botstein

Inventor's signature 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers
Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any
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Luc Desnoyers
Inventor's signature Date
2050 Stockton Street, San Francisco, CA 94133
Residence Canada
Citizenship
Post Office Address
1 DNA Way South San Francisco, CA 94080
- ÇÎ
Full pame of fourth joint inventor, if any
Dan L. Eaton
Inventor's signature 75 Knight Drive, San Rafael, CA 94901
Residence
Citizenship
Post Office Address 1 DNA Way
South San Francisco, CA 94080



Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date .
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Page 6 Full name of thirteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gurney Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence us 📜 Citizenship Post Office Address 1 DNA Way 2.29 South San Francisco, CA 94080 Full name of fifthteenth joint inventor, if any Kenneth J. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB 📋 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Date

Full name of sixteenth joint inventor, if any

Ivar J. Kljavin

Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549

Residence

US

Citizenship

Post Office Address
1 DNA Way

South San Francisco, CA 94080

Full name of seventeenth joint inventor, if any	
Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any	
Nicholas F. Paoni	
Inveritor's signature 1756 Terrace Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



Full name of twenty-first joint inventor, if any	
Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Atto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Resid nce 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Docket No. P1618P2C1

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) $_$ is attached hereto or \underline{X} was filed on September 18, 2000 as Application Serial No. 09/665,350 and was amended on $_$ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Priority Claimed
Yes No

Number

Country

Day/Month/Year Filed

Thereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below:

See Attached Appendix A (Listing 62 U.S. Provisional Patent Applications)

Application Ser. No.

Filing Date

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See Attached Appendix B (Listing 29 PCT International Patent Applications)

	\bigcirc \bigcirc		\bigcirc \bigcirc	Page 2
POWER OF ATTORNEY application and transact	f: As a named inventor all business in the Pate	r, I hereby appoint the	e following attorney(s) and/office connected therewith.	or agent(s) to prosecute this
09157 PATENT TRADEMARK OFFICE		Ral Pau K. S	iph J. Gabric - Reg. No. 34, ul E. Rauch, Ph.D - Reg. No Shannon Mrksich - Reg. No m Wrona - Reg. No. is 44,4	o. 38,591 o. 36,675
Send correspondence to	Attn: Paul E. Brinks, I NBC To 455 City Chicago	Rauch, Ph.D. Hofer, Gilson & Lione ower - Suite 3600 yfront Plaza Drive o, IL 60611-5599 one: 312-321-4780	•	
and that willful false statements The undersigned here to any action to be take or agent and the under	may jeopardize the validity o by authorizes the U.S. attorney n in the Patent and Trademark rsigned. In the event of a changed by the undersigned.	or agent named herein to ac	eved to be true; and further that the onment or both, under Section 1001 tent issued thereon. Except and follow instructions from his ation without direct communication be instructions may be taken, the U.S.	of Title 18 of the United States Code s foreign patent agent as
Inventor's signature			Date	
Residence 1456 Tarrytown Street, San Mate Citizenship US	eo, CA 94402			
Post Office Address I DNA Way South San Francisco, CA 9408	0			





Full name of second joint inventor, if any

Post Office Address 1 DNA Way South San Francisco, CA 94080

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizeriship	
Post Office Address 1 DNA-Way South-San Francisco, CA 94080	
Full raine of fourth joint inventor, if any	
Dan C. Eaton	
Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
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Citizenship	





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Ellen Filvaroff	ę.
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Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
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Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Nei-Qiang Gao	
nventor's signature 341 Pilgrim Drive, Foster City, CA 94404	Date
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Post Office Address DNA Way South San Francisco, CA 94080	





Full name of thirteenth joint inventor, if any

J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA:Way South, San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any	
Kenneth J. Hillan	
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
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Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
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Full name of seventeenth joint inventor, if any

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date
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Full name of nineteenth joint inventor, if any Nicholas F. Paoni	
Inventor's signature 1756 Ferrace Drive, Belmont, CA 94002	Date
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Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
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Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
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Full name of twenty-second joint inventor, if any	
Daniel Tumas	·
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventer's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
nventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address DNA Way South San Francisco, CA 94080	

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Priority Claimed
Yes No

Number Country Day/Month/Year Filed

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See Attached Appendix A (Listing 62 U.S. Provisional Patent Applications)

Application Ser. No. Filing Date

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See Attached Appendix B (Listing 29 PCT International Patent Applications)





POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157
PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence	to the	following	address:
---------------------	--------	-----------	----------

Attn:

Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the
knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.
The state of the result of the validity of the application or any patent issued thereon.
The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as
to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney
and the dildersigned. In the event of a change in the persons from whom instructions may be taken the LLC attempts as a second and the dildersigned.
Full name of sole or first inventor
Na Aşhkenazi
- \$75;
nventer's signature Date
ing.
Residence
1456 Farrytown Street, San Mateo, CA 94402
Ditizenship
Post Office Address
DNA Way
South San Francisco, CA 94080

Full name of second joint inventor, if any David Botstein Inventor's signature Date 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Inventor's signature Date 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L. Eaton Inventor's signature Date 75 Knight Drive, San Rafael, CA 94901

Residence US Citizenship

Post Office Address 1 DNA Way

South San Francisco, CA 94080







Full name of fifth joint inventor, if any

Napoleone Ferrara		
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date	
Residence US		
Citizenship		
Post Office Address		
1 DNA Way South San Francisco, CA 94080		
Full name of sixth joint inventor, if any		
Ellen Filvaroff		
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date	
Residence US		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of seventh joint inventor, if any		***************************************
Sherman Fong		
Invenitor's signature 19 Basinside Way, Alameda, CA 94502	Date	
Residence US		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of eighth joint inventor, if any		
Wei-Qiang Gao		
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date	
Residence China		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		

Full name of ninth joint inventor, if any Hanspeter Gerber Inventor's signature Date 1121 Tennessee Street #5, San Francisco, CA 94107 Residence Switzerland Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor, if any Mary E. Gerritsen Inventor's signature Date 541 Parrott Drive, San Mateo, CA 94402 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Audrey Goddard Inventor's signature Date 110 Congo Street, San Francisco, CA 94131 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twelfth joint inventor, if any Paul J. Godowski Inventor's signature Date 2627 Easton Drive, Burlingame, CA 94010 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of thirteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gurney Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence บร Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifthteenth joint inventor, if any Kenneth J. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549 Residence US Citizenship Post Office Address

1 DNA Way

South San Francisco, CA 94080

Full name of seventeenth joint inventor, if any Jennie P. Mather Inventor's signature Date 269 La Prenda Drive, Millbrae, CA 94030 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Inventor's signature Date 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full mame of nineteenth joint inventor, if any Nicholas F. Paoni Inventor's signature Date 1756 Terrace Drive, Belmont, CA 94002 Residence US 🟣 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Inventor's signature Date 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080





Docket No. P1618P2C1

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) $\underline{\underline{}}$ is attached hereto or $\underline{\underline{X}}$ was filed on $\underline{\underline{September 18, 2000}}$ as Application Serial No. $\underline{\underline{09/665,350}}$ and was amended on $\underline{\underline{}}$ (if applicable).

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Prior Foreign Application(s):			Priority Claimed Yes No
Number	Country	Day/Month/Year Filed	
I hereby claim th	o bonofit undor Titlo 25 1 Le	to de Control	

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Application Ser. No. Filing Date

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PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Attn

Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of second joint inventor, if any

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South-Ban Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan L. Eaton	
Inventer's signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US ===	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	•





Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
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Citizetiship	
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Full name of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
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Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of ninth joint inventor, if any

Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
CitizensTip	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any Audrey Goddard	
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
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Full name of seventeenth joint inventor, if any

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Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
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Number	Country	Day/Month/Year Filed	
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Application Ser.	No.	Filing Date	

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See Attached Appendix B (Listing 29 PCT International Patent Applications)





POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157
PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence	to th	he follo	wing a	ddress:
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Attn:

Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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name of sole or first inventor Ashkenazi
Date
idence Garrytown Street, San Mateo, CA 94402
st Office Address
NA Way uth San Francisco, CA 94080

David Botstein Inventor's signature Date 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Inventor's signature Date 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship ũ Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan Li Eaton Inventor's signature Date 75 Knight Drive, San Rafael, CA 94901 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of second joint inventor, if any





Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventer's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address I DNA Way South San Francisco, CA 94080	

Page 5 Full name of ninth joint inventor, if any Hanspeter Gerber Inventor's signature Date 1121 Tennessee Street #5, San Francisco, CA 94107 Residence Switzerland Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor, if any Mary E. Gerritsen Inventor's signature Date 541 Parrott Drive, San Mateo, CA 94402 Residence Canada Citizenship Ō Post Office Address 1 DNA-Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Audrey Goddard Inventor's signature Date 110 Congo Street, San Francisco, CA 94131 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twelfth joint inventor, if any Paul J. Godowski Inventor's signature Date 2627 Easton Drive, Burlingame, CA 94010 Residence US

Citizenship

Post Office Address 1 DNA Way

South San Francisco, CA 94080

Full name of thirteenth joint inventor, if any	
J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any	
Kenneth J. Hillan	
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence US	
Citizenship	
Post Office Address I DNA Way South San Francisco, CA 94080	



Full name of seventeenth joint inventor, if any

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any Nicholas F. Paoni	
Inventor's signature 1756 Ferrace Drive, Belmont, CA 94002	Oate
Residence US	
Citizeriship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



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Full name of second joint inventor, if any

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizen ship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan La Eaton	
Inventors signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US	
Citize <u>ns</u> hip	
Post Office Address 1 DNA Way South San Francisco, CA, 04000	· · · · · · · · · · · · · · · · · · ·

Full name of fifth joint inventor, if any Napoleone Ferrara

	Date
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
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Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventors signature 19 Başinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



Full name of ninth joint inventor, if any

Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Citizenship	
Post Öffice Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
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Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
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Code of Federal I	Regulations, Section 1.5	56.	n of this application in accordance with Title 37,
inventor's certifica	ate listed below and have	der Title 35, United States Code, §119(a e also identified below any foreign appli on which priority is claimed:	a)-(d) of any foreign application(s) for patent or cation for patent or inventor's certificate have a
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Jenu	COLLEGIONINGELICE	to tile	IOHOAAHIG	addicoo.

Attn:

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Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of sole or first inventor

Avi Ashkenazi

Inventor's signature

Date

Date

Residence
1456 Tarrytown Street, San Mateo, CA 94402

Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080





Full name of second joint inventor, if any

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan L. Eaton	
ilnventor's signature F75 Knight Drive, San Rafael, CA 94901	Date
Residence ±US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18th Avenue, San Francisco, CA 94121	Date
Residence	
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Sherman Fong	Date
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Duito
EResidence EUS	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of ninth joint inventor, if any	
Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Page 6 Full name of thirteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gumey Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence .⊒∪s Citizenship Post Office Address
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Post Office Address
1 DNA Way

Citizenship

South San Francisco, CA 94080

Full name of twenty-first joint inventor, if any Timothy A. Stewart Date Inventor's signature 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Date Inventor's signature 3 Rae Avenue, Orinda, CA 94563 Residence ูปร Citizenship Post Office Address
DNA Way South San Francisco, CA 94080 m a Full name of twenty-third joint inventor, if any P. Mickey Williams Date Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019 Residence LUS Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fourth joint inventor, if any Date Inventor's signature William I. Wood 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080





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Full name of sole or first inventor

Avi Ashkenazi

Inventor's signature

Date

Post Office Address

1 DNA Way

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the





Full name of second joint inventor, if any

David Botstein	
nventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	Date
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full maine of fourth joint inventor, if any	
Dan E. Eaton Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of fifth joint inventor, if any

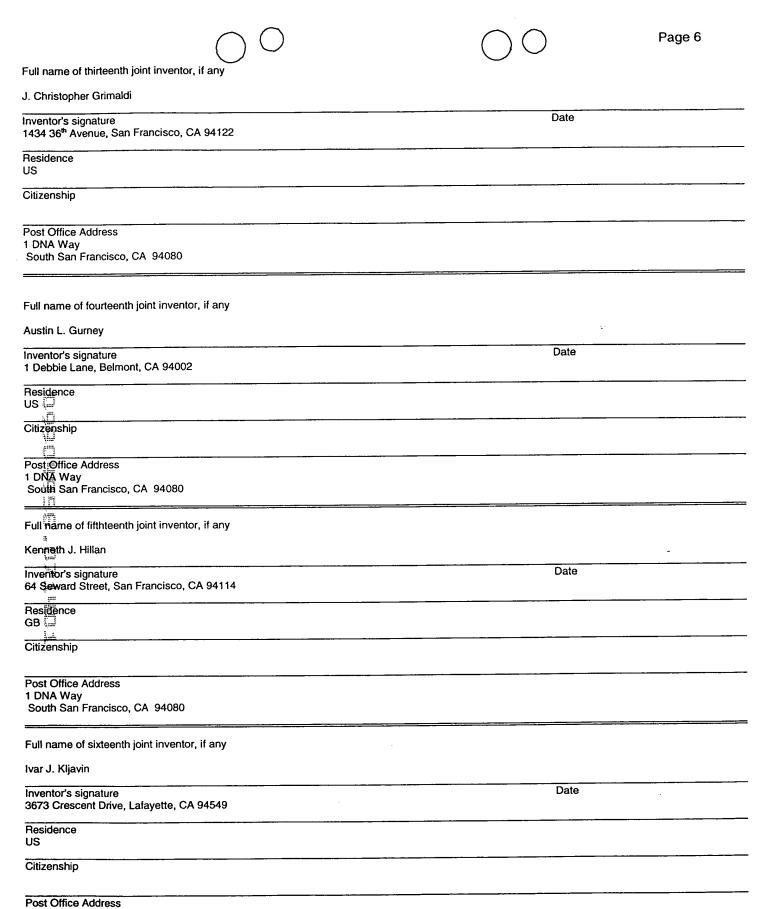
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Residence US	
Citizenship	
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Full name of sixth joint inventor, if any	
Ellén Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way Souff San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of ninth joint inventor, if any

Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any Audrey Goddard	
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date -
Resigence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



1 DNA Way

South San Francisco, CA 94080





Full name of twenty-first joint inventor, if any

r dir flame of twenty-nist joint inventor, if any	
Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inveritor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William 1. Wood	·
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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the specification of which (check one) $\underline{\ }$ is attached hereto or $\underline{\ }$ was filed on <u>September 18, 2000</u> as Application Serial No. <u>09/665,350</u> and was amended on $\underline{\ }$ (if applicable).

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Prior Foreign Ap	oplication(s):		Priority Claimed Yes No
Number	Country	Day/Month/Year Filed	-
I hereby claim the		nited States Code, §119(e) of any United States pr	rovisional applications(s) listed below
See Attached A	Appendix A (Listing 62)	U.S. Provisional Patent Applications)	
Application Ser.	. No.	Filing Date	

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See Attached Appendix B (Listing 29 PCT International Patent Applications)





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PATENT TRADEMARK OFFICE

South San Francisco, CA 94080

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence to th	ne tollowing addres	SS.
---------------------------	---------------------	-----

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of second joint inventor, if any

n:-	Botetoin

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canade	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan LEaton	<u>-</u>
Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US Tree	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	Date
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	_
Inverter's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	,
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of ninth joint inventor, if any

Hanspeter Gerber	2.4
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	Date
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any Audrey Goddard	
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Citizenship	
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Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of thirteenth joint inventor, if any

J. Christopher Grimaldi	
Inventor's signature	Date
1434 36 th Avenue, San Francisco, CA 94122	
Residence	
us	
Citizenship	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	*
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address	
1 DNA-Way South San Francisco, CA 94080	
4.000 4.000 2.000	
Full name of fifthteenth joint inventor, if any	
Kenneth J. Hillan	-
Inventor's signature	Date
64 Seward Street, San Francisco, CA 94114	
Residence	
GB 14	
Citizenship	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
	Date
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	
Residence US	
Citizenship	
Post Offic Address	
1 DNA Way South San Francisco, CA 94080	





Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	E.
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US T	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Inventor's signature	Date
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Docket No. P1618P2C1

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Priority Claimed
Yes No

Number Country Day/Month/Year Filed

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See Attached Appendix A (Listing 63 U.S. Provisional Patent Applications)

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09157
PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence to the following address:

Attn:

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Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of second joint inventor, if any

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	Data
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Eull name of fourth joint inventor, if any	
Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of fifth joint inventor, if any

Napoleone Ferrara	
	Date
Inventor's signature	Dale
2090 Pacific Avenue #704, San Francisco, CA 94109	
Residence	
US	
· · · · · · · · · · · · · · · · · · ·	
Citizenship	
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Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
t dil fidifie di sixui joint inventer, il diriy	
Ellen Filvaroff	
	Date
Inventor's signature	Date
538 18th Avenue, San Francisco, CA 94121	
Residence	
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Gitizenship	
in the state of th	
ENTER TO THE PROPERTY OF THE P	
Post Office Address	
DNA Way	
South San Francisco, CA 94080	
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Evil name of seventh joint inventor, if any	
Full name of seventh joint inventor, if any	
Sherman Fong	-
1	
Inventor's signature	Date
#9 Basinside Way, Alameda, CA 94502	
A CANADA	
Residence	
ÜS	
Citizenship	
Citizeriship	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	_
Full name of eighth joint inventor, if any	
ruit name of eighti joint inventor, it any	
Wei-Qiang Gao	
Inventor's signature	Date
641 Pilgrim Drive, Foster City, CA 94404	
D. Harrison and Control of the Contr	
Residence	
China	
Citizenship	
- means up	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	





Full name of ninth joint inventor, if any

A SANDALINIS II HARINIS ERIKANIA II SALANIA MARININI MARINI MARININI MARINI M

Hanspeter Gerber	Data
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	Date
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Gitizenship	
Post Office Address LDNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Audrey Goddard	Date
Inventor's signature 110 Congo Street, San Francisco, CA 94131	
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of thirteenth joint inventor, if any

J. Christopher Grimaldi	
inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Rasidence US	
Citizenship	
Post Office Address DNA Way South San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any	<u>-</u>
Kenneth J. Hillan	
fraventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
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Citizenship	
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Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1-DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
Mickey Williams	<u> </u>
Triventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
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Attn:

Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of sole or first inventor

Avi Ašhkenazi

Inventor's signature

Date

Post Office Address

Post Office Address

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the





Full name of second joint inventor, if any

		•		

David Botstein		
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date	
Residence US		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of third joint inventor, if any		
Luc Desnoyers		
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date	
Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of fourth joint inventor, if any		
Dan LEsaton		
Inventors signature 75 Knight Drive, San Rafael, CA 94901	Date	
Residerice US		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		





Full name of fifth joint inventor, if any

Napoleone Ferrara		
Inventoria cianatura	Date	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109		
Residence		
US		
Citizenship		
Onzaronip		
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		
		
Full name of sixth joint inventor, if any		
Ellen Filvaroff	¥	
Inventor's signature	Date	
538 18 th Avenue, San Francisco, CA 94121		
Residence		
US T		
Citizenship		
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		
Full name of seventh joint inventor, if any		
Sherman Fong	<u> </u>	
Inventor's signature	Date	
19 Basinside Way, Alameda, CA 94502		
Residence		
US 1		
Citizenship		
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		
The state training arter if one		
Full name of eighth joint inventor, if any		
Wei-Qiang Gao		
Inventor's signature	Date	
641 Pilgrim Drive, Foster City, CA 94404		
Residence		
China		
Citizenship		
· •		
Post Office Address		
1 DNA Way South San Francisco, CA 94080		
SOUTH SAIL FRANCISCO, OA 34000		





Full name of ninth joint inventor, if any

Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	· ·
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
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Full name of eleventh joint inventor, if any Audrey Goddard	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of seventeenth joint inventor, if any

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date :-
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any Nicholas F. Paoni	
Inventor's signature 1756 Ferrace Drive, Belmont, CA 94002	Date -
Residence US	
Citizenship	
Post Öffice Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full came of twenty-third joint inventor, if any	
P. Mickey Williams	-
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
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Prior Foreign Ap		on when priority is claimed.	Priority Claimed Yes No
Number	Country	Day/Month/Year Filed	
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Application Ser.	No.	Filing Date	

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence to the following address:

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full-name of sole or first inventor	
Take and the or sold of the threshold	
Avi Ashkenazi	
102.	Date
Inventor's signature	
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	





Full name of second joint inventor, if any

1 DNA Way

South San Francisco, CA 94080

David Botstein Date Inventor's signature 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Date Inventor's signature 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship Post Office Address
1 DNA Way South San Francisco, CA 94080 Full-name of fourth joint inventor, if any Dan L. Eaton Inventor's signature Date 75 Knight Drive, San Rafael, CA 94901 Residence US Citizenship Post Office Address





Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citlżenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Oate
Residence US:	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of ninth joint inventor, if any

Hanena	tor Co	char	

Hanspeter Gerber Inventor's signature Date 1121 Tennessee Street #5, San Francisco, CA 94107 Residence Switzerland Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor, if any Mary E. Gerritsen Inventor's signature Date 541 Parrott Drive, San Mateo, CA 94402 Residence Canada Citizenship ٠Đ Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Audrey Goddard Inventor's signature Date 110 Congo Street, San Francisco, CA 94131 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twelfth joint inventor, if any Paul J. Godowski Inventor's signature Date 2627 Easton Drive, Burlingame, CA 94010 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

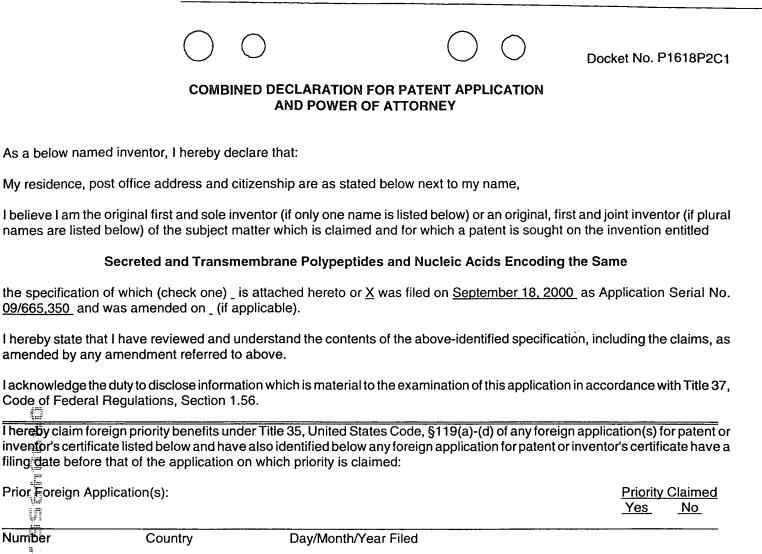
		· ugo .
Full name of seventeenth joint inventor, if any		
Jennie P. Mather		
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date	<u> </u>
Residence US		
Citizenship		
Post Office Address		
1 DNA Way South San Francisco, CA 94080		
Full name of eighteenth joint inventor, if any		
James Pan		
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date	
Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full hame of nineteenth joint inventor, if any		
Nicholas F. Paoni		
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date	-
Residence US		
Citizenship		
Post-Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of twentieth joint inventor, if any		
Margaret Ann Roy		
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date	
Residence US		
Citizenship		
Post Office Add.		
Post Office Address 1 DNA Way South San Francisco, CA 94080		





Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inv ntor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date ·
Residence US.	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
Pi Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US.	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
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Se Attached Appendix B (Listing 29 PCT International Patent Applications)

national or PCT international filing date of this application:

Filing Date

Number

Application Ser. No.

	\bigcirc	$\bigcirc\bigcirc$	Page 2
POWER OF ATTORNEY: A application and transact all b	us a named inventor, I hereby appusiness in the Patent and Trade	opoint the following attorney(s) and/or emark Office connected therewith.	agent(s) to prosecute this
09157 PATENT TRADEMARK OFFICE		Ralph J. Gabric - Reg. No. 34,1 Paul E. Rauch, Ph.D - Reg. No. K. Shannon Mrksich - Reg. No. Tom Wrona - Reg. No. is 44,41	. 38,591 36,675
Send correspondence to the	following address: Attn: Paul E. Rauch, Ph.E. Brinks, Hofer, Gilson NBC Tower - Suite 3455 Cityfront Plaza Chicago, IL 60611-5 Telephone: 312-321	n & Lione 3600 Drive 5599	
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Full name of sole or first inventor Avi Ashkenazi			
Inventor's signature		Date	

Residence 1456 Tarrytown Street, San Mateo, CA 94402

Post Office Address 1 DNA Way South San Francisco, CA 94080

Citizenship US





Full name of second joint inventor, if any

	_
David	Rotstein

Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
ि । Full nब्र्ह्मण्ड of fourth joint inventor, if any	
Dan Li Eaton	
Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	•
Ellen Filvaroff	Y
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizen Ship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of ninth joint inventor, if any

Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	*
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Audrey Goddard Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of seventeenth joint inventor, if any

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
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James Pan	
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Residence Canada:	
Citizenship	
Post Office Address 1 DNA Vay South San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any Nicholas F. Paoni	
Invenţor's signature	Date
1756 Terrace Drive, Belmont, CA 94002	
Residence US	
Citizena hip	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	



Post Office Address 1 DNA Way South San Francisco, CA 94080



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Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full dame of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	





Docket No. P1618P2C1

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

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I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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Prior Foreign Application(s):

Priority Claimed

<u>Yes</u> <u>No</u>

Number

Country

Day/Month/Year Filed

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Page	2





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Send correspondence to	o t	the	following	address
------------------------	-----	-----	-----------	---------

Attn: Paul

Paul E. Rauch, Ph.D. Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of sole or first inventor

Avi Ashkenazi

Inventor's signature

Date

Residence

1456 Farrytown Street, San Mateo, CA 94402

Citizenship

Post Office Address
1 DNA Way

South San Francisco, CA 94080



 $\bigcirc \bigcirc$

Full name of second joint inventor, if any

Post Office Address 1 DNA Way South San Francisco, CA 94080

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	S.
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan L. Eaton Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US	
Citizenship	





Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	¥
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventör's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



 \bigcirc

Full name of ninth joint inventor, if any

Hanspeter Gerber

Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107 Date

Residence Switzerland

Citizenship

Post Office Address

1 DNA Way

South San Francisco, CA 94080

Full name of tenth joint inventor, if any

Mary E. Gerritsen

Inventor's signature 541 Parrott Drive, San Mateo, CA 94402 Date

Residence Canada

Citizenship

Post Office Address

1 DNA-Way

South San Francisco, CA 94080

Full name of eleventh joint inventor, if any

Audrey Goddard

Inventor's signature

110 Cengo Street, San Francisco, CA 94131

Date

Residence Canada

Citizenship

Post Office Address

1 DNA Way

South San Francisco, CA 94080

Full name of twelfth joint inventor, if any

Paul J. Godowski

Inventor's signature 2627 Easton Drive, Burlingame, CA 94010 Date

Residence

Citizenship

Post Office Address
1 DNA Way

South San Francisco, CA 94080



Date

Date

Date

Date

Full name of seventeenth joint inventor, if any

Jennie P. Mather

Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030

Residence

US

Citizenship

Post Office Address

1 DNA Way

South San Francisco, CA 94080

Full name of eighteenth joint inventor, if any

James Pan

Inventor's signature

2705 Coronet Boulevard, Belmont, CA 94002

Residence Canada

Citizenship

Post Office Address

1 DNA-Way South San Francisco, CA 94080

Full name of nineteenth joint inventor, if any

Nicholas F. Paoni

Inventor's signature

1756 Terrace Drive, Belmont, CA 94002

Residence

US ļ.

Citizenship

Post Office Address

1 DNA-Way

South San Francisco, CA 94080

Full name of twentieth joint inventor, if any

Margaret Ann Roy

Inventor's signature

2960 Webster Street #4, San Francisco, CA 94123

Residence

US

Citizenship

Post Office Address

1 DNA Way

South San Francisco, CA 94080





Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	Date
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Dale
Residence US	
Citizenship	
Post Office Address 1 DNA-Way South-San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Inventor's signature	Date
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Residence 35 Southdown Court, Hillsborough, CA 94010	
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PATENT TRADEMARK OFFICE

1 DNA Wav

South San Francisco, CA 94080

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence to the	following	address:
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Attn:

Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full game of sole or first inventor

Avi Ashkenazi

Inventor's signature

Date

Citizeaship
US

Post Office Address





Full name of second joint inventor, if any

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	4*
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South-San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan L. Eaton	
Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	¥*
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US 1	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
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Attn:

Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

Full-name of sole or first inventor

Avi Ashkenazi

٠D

Inventor's signature

Date

Residence

1456 Tarrytown Street, San Mateo, CA 94402

Citizenship US

Post Office Address
1 DNA Way

South San Francisco, CA 94080





Full name of thirteenth joint inventor, if any

The figure of thirteenth joint inventor, it ally	
J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any	
Kengeth J. Hillan	
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Post Office Address 1 DNA Way

South San Francisco, CA 94080





COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) $\underline{\ }$ is attached hereto or $\underline{\ }$ was filed on September 18, 2000 as Application Serial No. $\underline{\ }$ 09/665,350 and was amended on $\underline{\ }$ (if applicable).

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I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or

inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filling date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Prior F

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S e Attached Appendix B (Listing 29 PCT International Patent Applications)





Full name of second joint inventor, if any

David Botstein		

Inventor's signature Date 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Inventor's signature Date 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship Ų. Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L. Eaton Inventor's signature 75 Knight Drive, San Rafael, CA 94901 Date Residence US

Citizenship

Post Office Address

1 DNA Way

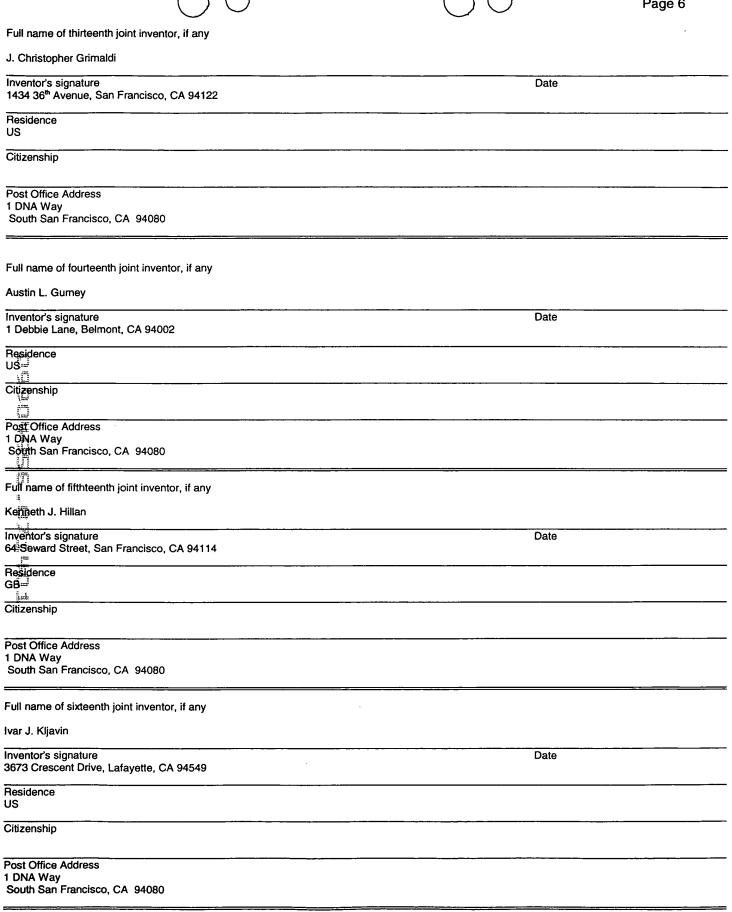
South San Francisco, CA 94080





Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US.=	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



Citizenship Post Office Address 1 DiviA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship	ruii name of seventeenth joint inventor, if any	
299 La Prenida Driva, Millbrae, CA 94030 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Inventor's signature 2705 Coronet Boulevard, Beimont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor, if any Nicolas F, Paoni Inventor's signature 1705, Tarrace Driva, Belmont, CA 94002 Date Citizenship Fost Office Address 1 DNA Way South San Francisco, CA 94080 Full name of wentleth joint inventor, if any Nargaret Ann Roy Full name of twentleth joint inventor, if any Margaret Ann Roy Residence US Citizenship Date Post Office Address 1 DNA Way South San Francisco, CA 94123 Residence US Citizenship	Jennie P. Mather	
US Citizenship Past Office Address 1 DNA Way South San Francisco, CA 94080 Full name of aighteenth joint inventor, if any James Pan Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor, if any Nictidias F. Paoni Inventor's signature Date Trys, I canada Superior Superio		Date
Post Office Address 1 DNA Way South San Francisco, CA 94060 Full name of eighteenth joint inventor, if any James Pan Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Ciligenship Post-Office Address 1 DNA Way South San Francisco, CA 94080 Full game of nineteenth joint inventor, if any Nickelas F, Paoni Inventor's signature 1755 Ferance Drive, Belmont, CA 94002 Residence Us Lip		
1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Inventor's signature ZYOS Cornete Boulevard, Belmont, CA 94002 Residence Cariada Citizenship Total DNA Way South San Francisco, CA 94080 Full game of nineteenth joint inventor, if any Nickidias F. Paoni Full game of nineteenth joint inventor, if any Nickidias F. Paoni Full game of nineteenth joint inventor, if any Nickidias F. Paoni Full game of nineteenth joint inventor, if any Nickidias F. Paoni Full game of nineteenth joint inventor, if any Nickidias F. Paoni Full game of nineteenth joint inventor, if any Nickidias F. Paoni Full game of nineteenth joint inventor, if any Nickidias F. Paoni Full game of nineteenth joint inventor, if any Nickidias F. Paoni Full game of nineteenth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Margaret Ann Roy Full name of twentieth joint inventor, if any Full name of twe	Citizenship	
James Pan Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Light Search Color of Search Canada Date 1755 Terrace Drive, Belmont, CA 94002 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94002 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94002 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94002 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94002 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94002 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94002 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94000 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94000 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94000 Light Search Canada Date 1755 Terrace Drive, Belmont, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Drive, CA 94000 Light Search Canada Date 1755 Terrace Date	1 DNA Way	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 D&A Way South San Francisco, CA 94080	Full name of eighteenth joint inventor, if any	
Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 *** Full mame of inventieth joint inventor, if any Margaret Ann Roy Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way Date	James Pan	
Calibration of Chipman of Interest point inventor, if any Nichidas F. Paoni Inventor's signature Inventor's signature US _{phi} Citizenship Posit Office Address 1 Dhate Date Total name of twentieth joint inventor, if any Nichidas F. Paoni Inventor's signature Inventor's signature Citizenship Inventor's signature Invento	Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date
Total Office Address 1 DJKA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor, if any Nicholas F. Paoni Imperior's signature 1756, Ferrace Drive, Belmont, CA 94002 Residence US, Selection of the Selecti		
1 DNA Way South San Francisco, CA 94080 South San Francisco, CA 94080 Inventor's signature 1756 Terrace Drive, Belmont, CA 94002 Residence US South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Inventor's signature Date Da	Citizenship	
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Margaret Ann Roy Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way	1 DŇÄ Way	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way	Full name of twentieth joint inventor, if any	
2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way	Margaret Ann Roy	
Citizenship Post Office Address 1 DNA Way	Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Post Office Address 1 DNA Way	Residence US	
1 DNA Way	Citizenship	
	Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Ra Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Posit Office Address 1 ĐÑA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US:	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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Priority Claimed
Yes No

Number Country Day/Month/Year Filed

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See Attached Appendix A (Listing 62 U.S. Provisional Patent Applications)

Application Ser. No. Filing Date

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See Attached Appendix B (Listing 29 PCT International Patent Applications)





POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157
PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send co	rrespondence	to the	following	address:

Attn:

Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of sole or first inventor

Avi Ashkenazi

Inventor's signature

Date

174

Residence 1456 Tarrytown Street, San Mateo, CA 94402

Citizenship US

Post Office Address

1 DNA Way

South San Francisco, CA 94080





Full name of second joint inventor, if any

Post Office Address 1 DNA Way

South San Francisco, CA 94080

David Botstein Inventor's signature Date 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Inventor's signature Date 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship ٠D Post Office Address 1 DNA-Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L Eaton Inventor's signature Date 75 Knight Drive, San Rafael, CA 94901 Residence US Citizenship





Full name of ninth joint inventor, if any

Hanspeter Gerber		
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date	
Residence Switzerland		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of tenth joint inventor, if any		
Mary E. Gerritsen		
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date	
Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any		
Audrey Goddard		
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date	
Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of twelfth joint inventor, if any		
Paul J. Godowski		
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date	
Residence US		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		



Full name of thirteenth joint inventor, if any

J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any	
Kenneth J. Hillan	
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of seventeenth joint inventor, if any

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date S
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South-San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	81
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





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[==	or one opposite		
Prior Foreign Ap	oplication(s):		Priority Claimed
			<u>Yes</u> <u>No</u>
Number	Country	Day/Month/Year Filed	
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Appl ic ation Ser.	No.	Filing Date	
E-J			

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South San Francisco, CA 94080

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Send correspondence to	the following	ng address
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Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full mane of sole or first inventor

Avi Ashkenazi

Inventor's signature

Date

Post Office Address

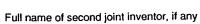
1 DNA Way











Post Office Address 1 DNA Way South San Francisco, CA 94080

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	41
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan EEaton Inventor's signature	Date
75 Knight Drive, San Rafael, CA 94901 Residence US	
Citizenship	









Full name of ninth joint inventor, if any

1 DNA Way South San Francisco, CA 94080

Hanspeter Gerber	
	Date
Inventor's signature	Date
1121 Tennessee Street #5, San Francisco, CA 94107	
Residence	
Switzerland	
Citizenship	
D 10% Allers	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of tooth joint inventor if any	
Full name of tenth joint inventor, if any	,
Mon. E. Gozzitean	
Mary E. Gerritsen	<u>v</u>
Inventor's signature	Date
541 Parrott Drive, San Mateo, CA 94402	
541 Fallott Diffe, Gair Mates, Great Ton	
Residence	
Canada	
· [65]	
Citizenship	
Post Office Address	
1 DNA Way	
Soutti-San Francisco, CA 94080	
: New	
Full name of eleventh joint inventor, if any	
Audrey Goddard	
a photo	
Inventor's signature	Date
110 Congo Street, San Francisco, CA 94131	
regions.	
Residence	
Canada	
The state of the s	
Citizenship	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full yours of health laint inventor if any	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Paul J. Godowski	
Inventor's signature	Date
2627 Easton Drive, Burlingame, CA 94010	
LOZI Laston Dilve, Duningaine, On 04010	
Residence	
US	
	
Citizenship	
Post Office Address	

Full name of thirteenth joint inventor, if any	
J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	**
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any	
Kenneth J. Hillan	
Inventer's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB ==	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence US	
Citizenship	
Post Offic Address 1 DNA Way South San Francisco, CA 94080	









Full name of seventeenth joint inventor, if any

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. '	ienn	110	_	RΛ	air	٦Qr

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date ·
Residence Canada:	
Citizenship	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any Nicholas F. Paoni	
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	Date Control of the C
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA=Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



Appendix A

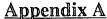
I hereby claim benefit under Title 35, United States Code, §119(e) of any United States Provisional applications listed below:

Provisional Application Serial Number	Filing Date
60/059,115	September 17, 1997
60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
60/059,113	September 17, 1997
60/059,121	September 17, 1997
60/059,119	September 17, 1997
60/059,263	September 18, 1997
60/059,266	September 18, 1997
60/062,125	October 15, 1997
60/062,287	October 17, 1997
60/062,285	October 17, 1997
60/063,486	October 21, 1997
60/062,816	October 24, 1997
60/062,814	October 24, 1997
60/063,127	October 24, 1997
60/063,120	October 24, 1997
60/063,121	October 24, 1997
60/063,045	October 24, 1997
60/063,128	October 24, 1997
60/063,329	October 27, 1997
60/063,327	October 27, 1997
60/063,549	October 28, 1997

Appendix A

I hereby claim benefit under Title 35, United States Code, §119(e) of any United States Provisional applications listed below:

60/063,541	October 28, 1997
60/063,550	October 28, 1997
60/063,542	October 28, 1997
60/063,544	October 28, 1997
60/063,564	October 28, 1997
60/063,734	October 29, 1997
60/063,738	October 29, 1997
60/063,704	October 29, 1997
60/063,435	October 29, 1997
60/064,215	October 29, 1997
60/063,735	October 29, 1997
60/063,732	October 29, 1997
60/064,103	October 31, 1997
60/063,870	October 31, 1997
60/064,248	November 3, 1997
60/064,809	November 7, 1997
60/065,846	November 11, 1997
60/065,186	November 12, 1997
60/065,846	November 17, 1997
60/065,693	November 18, 1997
60/066,120	November 21, 1997
60/066,364	November 21, 1997
60/066,772	November 24, 1997
60/066,466	November 24, 1997



Appendix A

I hereby claim benefit under Title 35, United States Code, §119(e) of any United States Provisional applications listed below:

60/066,770	November 24, 1997
60/066,511	November 24, 1997
60/066,453	November 24, 1997
60/066,840	November 25, 1997
60/069,425	December 12, 1997
60/088,026	June 4, 1998
60/099,803	September 10, 1998
60/100,262	September 14, 1998
60/100,858	September 17, 1998
60/104,080	October 13, 1998
60/109,304	November 20, 1998
60/113,296	December 22, 1998
60/143,048	July 7, 1999
60/145,698	July 26, 1999
60/146,222	July 28, 1999

 $\underline{\underline{Appendix \ B}}$ I hereby claim benefit under Title 35, United States Code, §120 of any United States and PCT International applications listed below:

PCT/US Serial Number	<u>Filed</u>	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
PCT/US98/19177	September 14, 1998	Abandoned
PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
PCT/US99/20594	September 8, 1999	Pending
PCT/US99/20944	September 13, 1999	Pending
PCT/US99/21090	September 15, 1999	Pending
PCT/US99/21547	September 15, 1999	Pending
PCT/US99/23089	October 5, 1999	Pending
PCT/US99/28214	November 29, 1999	Pending
PCT/US99/28313	November 30, 1999	Pending
PCT/US99/28301	December 1, 1999	Abandoned
PCT/US99/28564	December 2, 1999	Pending
PCT/US99/28565	December 2, 1999	Pending
PCT/US99/30095	December 16, 1999	Pending
PCT/US99/30999	December 20, 1999	Pending
PCT/US99/30911	December 20, 1999	Pending
PCT/US00/00219	January 5, 2000	Pending
PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
PCT/US00/05004	February 24, 2000	Pending
PCT/US00/05841	March 2, 2000	Pending
PCT/US00/07377	March 20, 2000	Pending
PCT/US00/08439	March 30, 2000	Pending
PCT/US00/14042	May 22, 2000	Pending
PCT/US00/15264	June 2, 2000	Pending
PCT/US00/20710	July 28, 2000	Pending
PCT/US00/23328	August 24, 2000	Pending



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) $\underline{\ }$ is attached hereto or $\underline{\ }$ was filed on <u>September 18, 2000</u> as Application Serial No. <u>09/665,350</u> and was amended on $\underline{\ }$ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

lacknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number Country Day/Month/Year Filed

Thereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below:

See Attached Appendix A (Listing 62 U.S. Provisional Patent Applications)

Application Ser. No. Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

See Attached Appendix B (Listing 29 PCT International Patent Applications)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



PATENT TRADEMARK OFFICE

South San Francisco, CA 94080

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence to the following address:

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon. The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned. Full name of sole or first inventor Avi Ashkenazi Inventor's signature Residence 1456 Tarrytown Street, San Mateo, CA 94402 Citizenship US 🚟 Post Office Address 1 DNA Way



Full name of fifth joint inventor, if any

Napoleone Ferrara	
inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date .
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of ninth joint inventor, if any

South San Francisco, CA 94080

Han	ena	tor	Gar	har
пал	Sue	le:	CHI	UEI

Date Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107 Residence Switzerland Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor, if any Mary E. Gerritsen Date Inventor's signature 541 Parrott Drive, San Mateo, CA 94402 Residence Canada Citizenship Œ Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Audrey Goddard Inventor's signature Date 110 Congo Street, San Francisco, CA 94131 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twelfth joint inventor, if any Paul J. Godowski Date Inventor's signature 2627 Easton Drive, Burlingame, CA 94010 Residence US Citizenship Post Office Address 1 DNA Way

Full name of thirteenth joint inventor, if any	
J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNATWay South-San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any	
Kenrieth J. Hillan	
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of seventeenth joint inventor, if any

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date ·
Residence Canada	
Citizenship	
Post Office Address 1 DNA-Way South-San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any Nicholas F. Paoni	
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA:Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	·
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	





Full name of twenty-first joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full Rame of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Offic Address 1 DNA Way South San Francisco, CA 94080	

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) $\underline{\ }$ is attached hereto or $\underline{\ }$ was filed on <u>September 18, 2000</u> as Application Serial No. <u>09/665,350</u> and was amended on $\underline{\ }$ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign App	lication(s):		Priority Claimed Yes No
Number	Country	Day/Month/Year Filed	
		nited States Code, §119(e) of any United States p	provisional applications(s) listed below
See Attached Ap	pendix A (Listing 62	U.S. Provisional Patent Applications)	
Application Ser. N		Filing Date	
	hanefit under Title 25	Inited States Code, \$120 of any United States a	onlications(s) listed below and insofa

Thereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

See Attached Appendix B (Listing 29 PCT International Patent Applications)





POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence t	to	the	foll	owing	add	ress
-----------------------	----	-----	------	-------	-----	------

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon. The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned. Full name of sole or first inventor Avi Ashkenazi Inventor's signature Residence 1456 Tarrytown Street, San Mateo, CA 94402 Citizeriship US Post Office Address 1 DNA Way South San Francisco, CA 94080





Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizé <u>é</u> ship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full pame of seventh joint inventor, if any	
Sheman Fong	Date
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

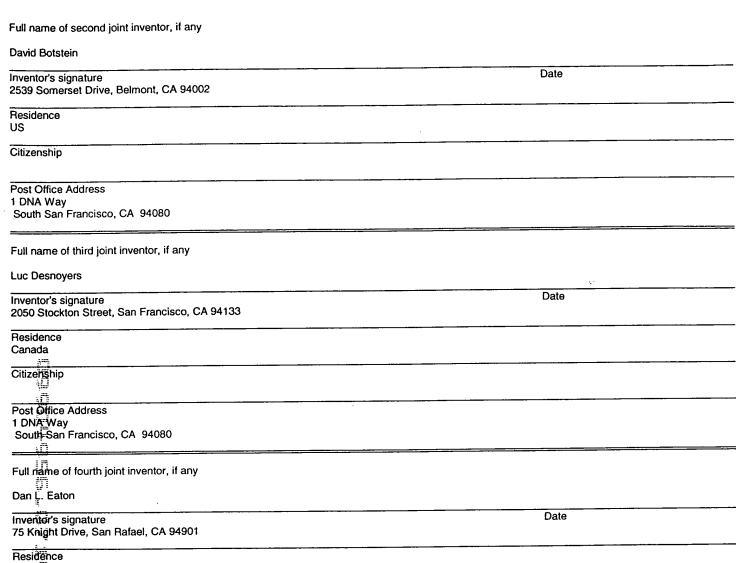
Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	4
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any Audrey Goddard	
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizenship	
Post ⊕ffice Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of ninth joint inventor, if any

Full name of thirteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gumey Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence US Citizenship Ü Post Office Address 1 DNA Way South San Francisco, CA 94080 Full mame of fifthteenth joint inventor, if any Kenneth J. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549 Residence US Citizenship Post Offic Address 1 DNA Way South San Francisco, CA 94080

Full according to the state of	_
Full name of seventeenth joint inventor, if any	
Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date
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Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
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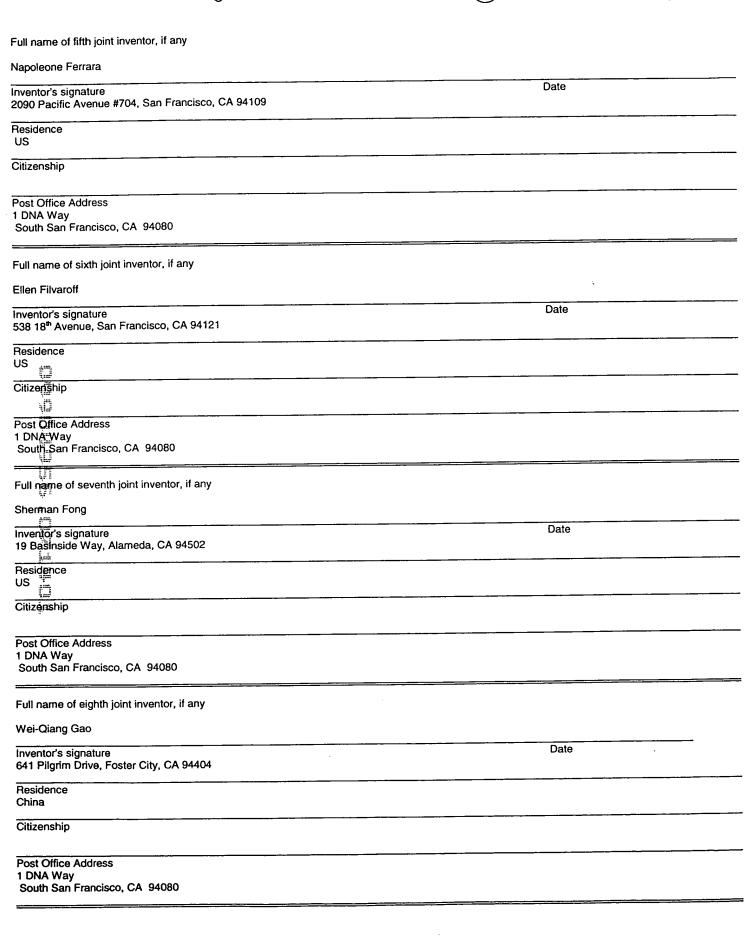
Full name of twenty-first joint inventor, if any	
Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	÷
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South-San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	Date
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



US Citizenship

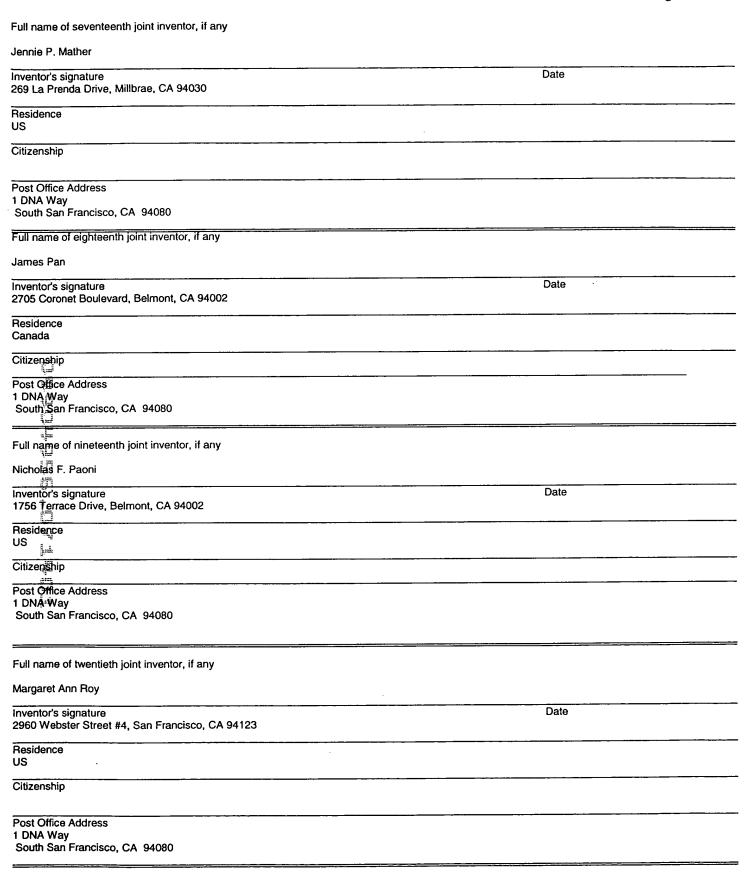
Post Office Address 1 DNA Way

South San Francisco, CA 94080

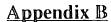


\smile	, O	3
Full name of ninth joint inventor, if any		
Hanspeter Gerber		
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date	
Residence Switzerland		
Citizenship		_
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of tenth joint inventor, if any		
Mary E. Gerritsen	At .	
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date	
Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any Audrey Goddard		
Invertor's signature 110 Congo Street, San Francisco, CA 94131	Date	
Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of twelfth joint inventor, if any		
Paul J. Godowski		
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date	
Residence US		
Citizenship		***************************************
Post Offic Address 1 DNA Way South San Francisco, CA 94080		

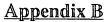
Full name of thirteenth joint inventor, if any	
J. Christopher Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	· ·
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
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Full name of fifthteenth joint inventor, if any	
Kenneth J. Hillan	
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	



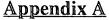
	_
ull name of twenty-first joint inventor, if any	
imothy A. Stewart	
oventor's signature	Date
65 Douglass Street, San Francisco, CA 94114	
Residence	
JS	
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Post Office Address	
DNA Way	
South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	W
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nventor's signature 3 Rae Avenue, Orinda, CA 94563	
Residence	
US appet	
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Post Office Address	
1 DNA Way	
South-San Francisco, CA 94080	
Faller	
Full name of twenty-third joint inventor, if any	
P. Mitkey Williams	
Inveritor's signature	Date
509 Alto Avenue, Half Moon Bay, CA 94019	
Residence	
us 📮	
Citizenship	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South San Flancisco, CA 94000	
Full name of twenty-fourth joint inventor, if any	
Turnamo or worky router joint mooney, a say	
Inventor's signature	Date
William I. Wood	
Residence	
35 Southdown Court, Hillsborough, CA 94010	
Citizenship	
us '	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Julii Gari Tarkisco, On 27000	



PCT/US Serial Number	<u>Filed</u>	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
PCT/US98/19177	September 14, 1998	Abandoned
PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
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PCT/US99/20944	September 13, 1999	Pending
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PCT/US99/28214	November 29, 1999	Pending
PCT/US99/28313	November 30, 1999	Pending
PCT/US99/28301	December 1, 1999	Abandoned
PCT/US99/28564	December 2, 1999	Pending
PCT/US99/28565	December 2, 1999	Pending
PCT/US99/30095	December 16, 1999	Pending
PCT/US99/30999	December 20, 1999	Pending
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PCT/US00/03565	February 11, 2000	Pending
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PCT/US00/05841	March 2, 2000	Pending
PCT/US00/07377	March 20, 2000	Pending
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PCT/US00/15264	June 2, 2000	Pending
PCT/US00/20710	July 28, 2000	Pending
PCT/US00/23328	August 24, 2000	Pending



	PCT/US Serial Number	<u>Filed</u>	<u>Status</u>
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Provisional Application Serial Number	Filing Date
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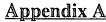


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60/099,803	September 10, 1998
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60/146,222	July 28, 1999

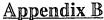
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PCT/US00/20710	July 28, 2000	Pending
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Provisional Application Serial Number	Filing Date
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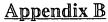
 $\underline{\textbf{Appendix B}}$ I hereby claim benefit under Title 35, United States Code, §120 of any United States and PCT International applications listed below:

PCT/US Serial Number	<u>Filed</u>	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
PCT/US98/19177	September 14, 1998	Abandoned
PCT/US98/19330	September 16, 1998	Abandoned
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PCT/US00/08439	March 30, 2000	Pending
PCT/US00/14042	May 22, 2000	Pending
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PCT/US00/23328	August 24, 2000	Pending

Provisional Application Serial Number	Filing Date
60/059,115	September 17, 1997
60/059,184	September 17, 1997
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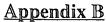


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60/059,117	September 17, 1997
60/059,113	September 17, 1997
60/059,121	September 17, 1997
60/059,119	September 17, 1997
60/059,263	September 18, 1997
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60/063,121	October 24, 1997
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60/063,329	October 27, 1997
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60/063,549	October 28, 1997

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60/063,541	October 28, 1997
60/063,550	October 28, 1997
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60/063,544	October 28, 1997
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60/063,435	October 29, 1997
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60/063,732	October 29, 1997
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60/066,770	November 24, 1997
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60/145,698	July 26, 1999
60/146,222	July 28, 1999



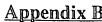
 $\underline{\textbf{Appendix B}}$ I hereby claim benefit under Title 35, United States Code, §120 of any United States and PCT International applications listed below:

PCT/US Serial Number	Filed	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
PCT/US98/19177	September 14, 1998	Abandoned
PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
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PCT/US99/28214	November 29, 1999	Pending
PCT/US99/28313	November 30, 1999	Pending
PCT/US99/28301	December 1, 1999	Abandoned
PCT/US99/28564	December 2, 1999	Pending
PCT/US99/28565	December 2, 1999	Pending
PCT/US99/30095	December 16, 1999	Pending
PCT/US99/30999	December 20, 1999	Pending
PCT/US99/30911	December 20, 1999	Pending
PCT/US00/00219	January 5, 2000	Pending
PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
PCT/US00/05004	February 24, 2000	Pending
PCT/US00/05841	March 2, 2000	Pending
PCT/US00/07377	March 20, 2000	Pending
PCT/US00/08439	March 30, 2000	Pending
PCT/US00/14042	May 22, 2000	Pending
PCT/US00/15264	June 2, 2000	Pending
PCT/US00/20710	July 28, 2000	Pending
PCT/US00/23328	August 24, 2000	Pending

Provisional Application Serial Number	Filing Date
60/059,115	September 17, 1997
60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
60/059,113	September 17, 1997
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60/059,119	September 17, 1997
60/059,263	September 18, 1997
60/059,266	September 18, 1997
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60/066,770	November 24, 1997
60/066,511	November 24, 1997
60/066,453	November 24, 1997
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60/069,425	December 12, 1997
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PCT/US Serial Number	<u>Filed</u>	<u>Status</u>
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PCT/US99/20944	September 13, 1999	Pending
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PCT/US00/07377	March 20, 2000	Pending
PCT/US00/08439	March 30, 2000	Pending
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PCT/US00/23328	August 24, 2000	Pending

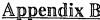


Provisional Application Serial Number	Filing Date
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60/059,184	September 17, 1997
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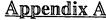


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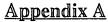
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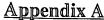
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PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
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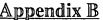
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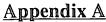
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PCT/US98/18824	September 10, 1998	Abandoned
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PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
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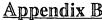


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60/059,184	September 17, 1997
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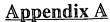
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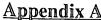


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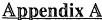
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PCT/US99/21090	September 15, 1999	Pending
PCT/US99/21547	September 15, 1999	Pending
PCT/US99/23089	October 5, 1999	Pending
PCT/US99/28214	November 29, 1999	Pending
PCT/US99/28313	November 30, 1999	Pending
PCT/US99/28301	December 1, 1999	Abandoned
PCT/US99/28564	December 2, 1999	Pending
PCT/US99/28565	December 2, 1999	Pending
PCT/US99/30095	December 16, 1999	Pending
PCT/US99/30999	December 20, 1999	Pending
PCT/US99/30911	December 20, 1999	Pending
PCT/US00/00219	January 5, 2000	Pending
PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
PCT/US00/05004	February 24, 2000	Pending
PCT/US00/05841	March 2, 2000	Pending
PCT/US00/07377	March 20, 2000	Pending
PCT/US00/08439	March 30, 2000	Pending
PCT/US00/14042	May 22, 2000	Pending
PCT/US00/15264	June 2, 2000	Pending
PCT/US00/20710	July 28, 2000	Pending
PCT/US00/23328	August 24, 2000	Pending
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Provisional Application Serial Number	Filing Date
60/059,115	September 17, 1997
60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
60/059,113	September 17, 1997
60/059,121	September 17, 1997
60/059,119	September 17, 1997
60/059,263	September 18, 1997
60/059,266	September 18, 1997
60/062,125	October 15, 1997
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60/062,816	October 24, 1997
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60/063,120	October 24, 1997
60/063,121	October 24, 1997
60/063,045	October 24, 1997
60/063,128	October 24, 1997
60/063,329	October 27, 1997
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60/063,549	October 28, 1997



60/063,541	October 28, 1997
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60/063,564	October 28, 1997
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60/063,735	October 29, 1997
60/063,732	October 29, 1997
60/064,103	October 31, 1997
60/063,870	October 31, 1997
60/064,248	November 3, 1997
60/064,809	November 7, 1997
60/065,846	November 11, 1997
60/065,186	November 12, 1997
60/065,846	November 17, 1997
60/065,693	November 18, 1997
60/066,120	November 21, 1997
60/066,364	November 21, 1997
60/066,772	November 24, 1997
60/066,466	November 24, 1997



60/066,770	November 24, 1997
60/066,511	November 24, 1997
60/066,453	November 24, 1997
60/066,840	November 25, 1997
60/069,425	December 12, 1997
60/088,026	June 4, 1998
60/099,803	September 10, 1998
60/100,262	September 14, 1998
60/100,858	September 17, 1998
60/104,080	October 13, 1998
60/109,304	November 20, 1998
60/113,296	December 22, 1998
60/143,048	July 7, 1999
60/145,698	July 26, 1999
60/146,222	July 28, 1999



PCT/US Serial Number	<u>Filed</u>	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
PCT/US98/19177	September 14, 1998	Abandoned
PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
PCT/US99/20594	September 8, 1999	Pending
PCT/US99/20944	September 13, 1999	Pending
PCT/US99/21090	September 15, 1999	Pending
PCT/US99/21547	September 15, 1999	Pending
PCT/US99/23089	October 5, 1999	Pending
PCT/US99/28214	November 29, 1999	Pending
PCT/US99/28313	November 30, 1999	Pending
PCT/US99/28301	December 1, 1999	Abandoned
PCT/US99/28564	December 2, 1999	Pending
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PCT/US99/30999	December 20, 1999	Pending
PCT/US99/30911	December 20, 1999	Pending
PCT/US00/00219	January 5, 2000	Pending
PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
PCT/US00/05004	February 24, 2000	Pending
PCT/US00/05841	March 2, 2000	Pending
PCT/US00/07377	March 20, 2000	Pending
PCT/US00/08439	March 30, 2000	Pending
PCT/US00/14042	May 22, 2000	Pending
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Provisional Application Serial Number	Filing Date
60/059,115	September 17, 1997
60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
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60/063,541	October 28, 1997
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60/066,770	November 24, 1997
60/066,511	November 24, 1997
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60/099,803	September 10, 1998
60/100,262	September 14, 1998
60/100,858	September 17, 1998
60/104,080	October 13, 1998
60/109,304	November 20, 1998
60/113,296	December 22, 1998
60/143,048	July 7, 1999
60/145,698	July 26, 1999
60/146,222	July 28, 1999

 $\underline{\underline{\text{Appendix } \mathbb{B}}}$ I hereby claim benefit under Title 35, United States Code, §120 of any United States and PCT International applications listed below:

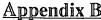
PCT/US Serial Number	Filed	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
PCT/US98/19177	September 14, 1998	Abandoned
PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
PCT/US99/20594	September 8, 1999	Pending
PCT/US99/20944	September 13, 1999	Pending
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PCT/US99/28214	November 29, 1999	Pending
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PCT/US99/30095	December 16, 1999	Pending
PCT/US99/30999	December 20, 1999	Pending
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PCT/US00/00219	January 5, 2000	Pending
PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
PCT/US00/05004	February 24, 2000	Pending
PCT/US00/05841	March 2, 2000	Pending
PCT/US00/07377	March 20, 2000	Pending
PCT/US00/08439	March 30, 2000	Pending
PCT/US00/14042	May 22, 2000	Pending
PCT/US00/15264	June 2, 2000	Pending
PCT/US00/20710	July 28, 2000	Pending
PCT/US00/23328	August 24, 2000	Pending



Provisional Application Serial Number	Filing Date
60/059,115	September 17, 1997
60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
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60/063,121	October 24, 1997
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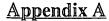
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60/066,511	November 24, 1997
60/066,453	November 24, 1997
60/066,840	November 25, 1997
60/069,425	December 12, 1997
60/088,026	June 4, 1998
60/099,803	September 10, 1998
60/100,262	September 14, 1998
60/100,858	September 17, 1998
60/104,080	October 13, 1998
60/109,304	November 20, 1998
60/113,296	December 22, 1998
60/143,048	July 7, 1999
60/145,698	July 26, 1999
60/146,222	July 28, 1999



PCT/US Serial Number	<u>Filed</u>	Status
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PCT/US98/19177	September 14, 1998	Abandoned
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PCT/US98/25108	December 1, 1998	Abandoned
PCT/US99/20594	September 8, 1999	Pending
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PCT/US99/21090	September 15, 1999	Pending
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PCT/US99/28565	December 2, 1999	Pending
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PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
PCT/US00/05004	February 24, 2000	Pending
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PCT/US00/07377	March 20, 2000	Pending
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PCT/US00/15264	June 2, 2000	Pending
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Provisional Application Serial Number	Filing Date
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60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
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60/059,119	September 17, 1997
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60/062,285	October 17, 1997
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60/063,120	October 24, 1997
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60/063,549	October 28, 1997

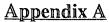


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November 24, 1997

60/066,770	November 24, 1997
60/066,511	November 24, 1997
60/066,453	November 24, 1997
60/066,840	November 25, 1997
60/069,425	December 12, 1997
60/088,026	June 4, 1998
60/099,803	September 10, 1998
60/100,262	September 14, 1998
60/100,858	September 17, 1998
60/104,080	October 13, 1998
60/109,304	November 20, 1998
60/113,296	December 22, 1998
60/143,048	July 7, 1999
60/145,698	July 26, 1999
60/146,222	July 28, 1999

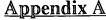
 $\underline{\underline{\text{Appendix }\mathbb{B}}}$ I hereby claim benefit under Title 35, United States Code, §120 of any United States and PCT International applications listed below:

PCT/US Serial Number	<u>Filed</u>	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
PCT/US98/19177	September 14, 1998	Abandoned
PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
PCT/US99/20594	September 8, 1999	Pending
PCT/US99/20944	September 13, 1999	Pending
PCT/US99/21090	September 15, 1999	Pending
PCT/US99/21547	September 15, 1999	Pending
PCT/US99/23089	October 5, 1999	Pending
PCT/US99/28214	November 29, 1999	Pending
PCT/US99/28313	November 30, 1999	Pending
PCT/US99/28301	December 1, 1999	Abandoned
PCT/US99/28564	December 2, 1999	Pending
PCT/US99/28565	December 2, 1999	Pending
PCT/US99/30095	December 16, 1999	Pending
PCT/US99/30999	December 20, 1999	Pending
PCT/US99/30911	December 20, 1999	Pending
PCT/US00/00219	January 5, 2000	Pending
PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
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PCT/US00/05841	March 2, 2000	Pending
PCT/US00/07377	March 20, 2000	Pending
PCT/US00/08439`	March 30, 2000	Pending
PCT/US00/14042	May 22, 2000	Pending
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PCT/US00/20710	July 28, 2000	Pending
PCT/US00/23328	August 24, 2000	Pending



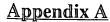
Provisional Application Serial Number	Filing Date
60/059,115	September 17, 1997
60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
60/059,113	September 17, 1997
60/059,121	September 17, 1997
60/059,119	September 17, 1997
60/059,263	September 18, 1997
60/059,266	September 18, 1997
60/062,125	October 15, 1997
60/062,287	October 17, 1997
60/062,285	October 17, 1997
60/063,486	October 21, 1997
60/062,816	October 24, 1997
60/062,814	October 24, 1997
60/063,127	October 24, 1997
60/063,120	October 24, 1997
60/063,121	October 24, 1997
60/063,045	October 24, 1997
60/063,128	October 24, 1997
60/063,329	October 27, 1997
60/063,327	October 27, 1997
60/063,549	October 28, 1997

60/063,541	October 28, 1997
60/063,550	October 28, 1997
60/063,542	October 28, 1997
60/063,544	October 28, 1997
60/063,564	October 28, 1997
60/063,734	October 29, 1997
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60/063,704	October 29, 1997
60/063,435	October 29, 1997
60/064,215	October 29, 1997
60/063,735	October 29, 1997
60/063,732	October 29, 1997
60/064,103	October 31, 1997
60/063,870	October 31, 1997
60/064,248	November 3, 1997
60/064,809	November 7, 1997
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60/065,186	November 12, 1997
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60/066,120	November 21, 1997
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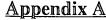


60/066,770	November 24, 1997
60/066,511	November 24, 1997
60/066,453	November 24, 1997
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60/069,425	December 12, 1997
60/088,026	June 4, 1998
60/099,803	September 10, 1998
60/100,262	September 14, 1998
60/100,858	September 17, 1998
60/104,080	October 13, 1998
60/109,304	November 20, 1998
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60/143,048	July 7, 1999
60/145,698	July 26, 1999
60/146,222	July 28, 1999

PCT/US Serial Number	Filed	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
PCT/US98/19177	September 14, 1998	Abandoned
PCT/US98/19330	September 16, 1998	Abandoned
PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
PCT/US99/20594	September 8, 1999	Pending
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PCT/US99/28565	December 2, 1999	Pending
PCT/US99/30095	December 16, 1999	Pending
PCT/US99/30999	December 20, 1999	Pending
PCT/US99/30911	December 20, 1999	Pending
PCT/US00/00219	January 5, 2000	Pending
PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
PCT/US00/05004	February 24, 2000	Pending
PCT/US00/05841	March 2, 2000	Pending
PCT/US00/07377	March 20, 2000	Pending
PCT/US00/08439	March 30, 2000	Pending
PCT/US00/14042	May 22, 2000	Pending
PCT/US00/15264	June 2, 2000	Pending
PCT/US00/20710	July 28, 2000	Pending
PCT/US00/23328	August 24, 2000	Pending



Provisional Application Serial Number	Filing Date
60/059,115	September 17, 1997
60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
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60/143,048	July 7, 1999
60/145,698	July 26, 1999
60/146,222	July 28, 1999

Appendix B

I hereby claim benefit under Title 35, United States Code, §120 of any United States and PCT International applications listed below:

PCT/US Serial Number	<u>Filed</u>	<u>Status</u>
PCT/US98/18824	September 10, 1998	Abandoned
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PCT/US98/19330	September 16, 1998	Abandoned
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PCT/US99/20944	September 13, 1999	Pending
PCT/US99/21090	September 15, 1999	Pending
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PCT/US99/23089	October 5, 1999	Pending
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60/059,115	September 17, 1997
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60/145,698	July 26, 1999
60/146,222	July 28, 1999
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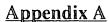
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PCT/US98/19437	September 17, 1998	Abandoned
PCT/US98/25108	December 1, 1998	Abandoned
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PCT/US99/21090	September 15, 1999	Pending
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PCT/US00/03565	February 11, 2000	Pending
PCT/US00/04414	February 22, 2000	Pending
PCT/US00/05004	February 24, 2000	Pending
PCT/US00/05841	March 2, 2000	Pending
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PCT/US00/08439	March 30, 2000	Pending
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Appendix B

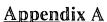
I hereby claim benefit under Title 35, United States Code, §120 of any United States and PCT International applications listed below:

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PCT/US98/18824	September 10, 1998	Abandoned
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PCT/US98/19437	September 17, 1998	Abandoned
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PCT/US99/28214	November 29, 1999	Pending
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PCT/US00/14042	May 22, 2000	Pending
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